

1. (original) A process for the work-up of a mixture comprising ionic liquids and a further substance, wherein the substance present is separated off by means of adsorptive separation processes.
- 5 2. (original) A process as claimed in claim 1, wherein the separation is carried out by means of ion exchange.
3. (original) A process as claimed in claim 1, wherein the separation is carried out by means of chromatography.
- 10 4. (original) A process as claimed in claim 3, wherein the separation is carried out by means of a continuous chromatographic process.
5. (currently amended) A process as claimed in claim 1 ~~any of claims 1 to 4~~,
15 wherein polar, high-boiling compounds are separated off.
6. (currently amended) A process as claimed in claim 1 ~~any of claims 1-5~~, wherein water, methanol, ethanol, 1-propanol or isopropanol or a mixture thereof is used as solvent.
- 20 7. (currently amended) A process as claimed in claim 1 ~~any of claims 1-6~~, wherein reversed phase silica gels, resins, ion exchangers, zeolites, aluminum oxides or activated carbon are used as stationary phases.